

PRINT OF DRAWINGS
AS ORIGINALLY FILED

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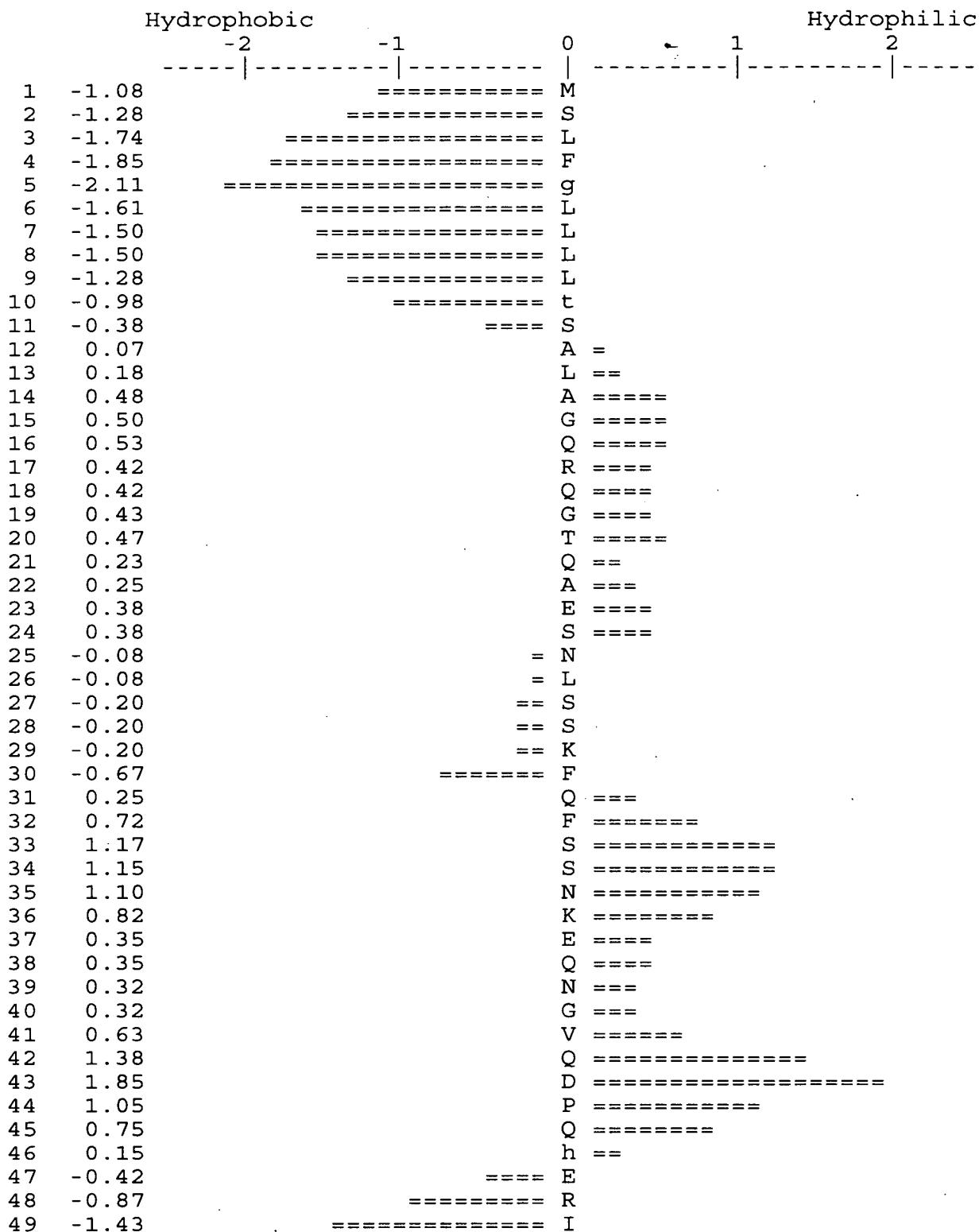


Fig. 1

CONTINUATION SHEET NO. 2 OF 29

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50	-1.10	===== I
51	-0.80	===== t
52	-0.18	== V
53	-0.23	== S
54	-0.37	==== T
55	-0.25	==== N
56	-0.28	==== G
57	0.22	S ==
58	-0.25	==== I
59	0.05	H
60	0.05	S
61	-0.07	= P
62	-0.05	R
63	-0.55	===== F
64	0.37	P =====
65	0.40	H =====
66	0.42	T =====
67	0.23	Y ==
68	-0.08	= P
69	-0.33	==== R
70	-1.40	===== N
71	-0.93	===== T
72	-1.17	===== V
73	-1.17	===== L
74	-0.95	===== V
75	-0.95	===== W
76	0.12	R =
77	0.12	L =
78	0.45	V =====
79	0.45	A =====
80	-0.03	V
81	-0.08	= E
82	-0.55	===== E
83	-1.35	===== N
84	-1.45	===== V
85	-1.62	===== W
86	-0.55	===== I
87	0.25	Q ===
88	0.72	L =====
89	0.60	T =====
90	0.67	F =====
91	0.78	D =====
92	0.78	E =====
93	0.78	R =====
94	0.28	F ===
95	1.20	G =====
96	1.70	L =====
97	2.50	E =====
98	1.70	D =====
99	1.03	P =====
100	1.53	E =====
101	0.65	D =====
102	0.65	D =====
103	-0.27	== I
104	-0.22	== C
105	0.45	K =====

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106	-0.30	==== Y
107	0.58	D =====
108	0.58	F =====
109	1.00	V =====
110	1.30	E =====
111	1.30	V =====
112	1.55	E =====
113	0.98	E =====
114	0.18	P ==
115	-0.12	= S
116	-0.17	== D
117	-0.17	== G
118	-0.73	===== T
119	-0.83	===== I
120	-0.53	==== L
121	-0.80	===== G
122	-0.80	===== R
123	-1.37	===== W
124	-1.05	===== C
125	-0.88	===== G
126	-0.88	===== S
127	0.18	G ==
128	0.22	T ==
129	-0.02	V
130	0.28	P ===
131	0.78	G =====
132	0.78	K =====
133	0.32	Q ===
134	0.32	I ===
135	0.32	S ===
136	0.77	K =====
137	-0.03	G
138	0.47	N =====
139	0.02	Q
140	-0.27	== I
141	0.08	R =
142	0.08	I =
143	0.88	R =====
144	0.00	F
145	0.00	V
146	0.25	S ===
147	0.25	D ===
148	0.25	E ===
149	-0.25	== Y
150	0.13	F =
151	0.13	P =
152	-0.03	S
153	-0.38	==== E
154	-0.97	===== P
155	-1.35	===== G
156	-1.32	===== F
157	-1.20	===== C
158	-1.28	===== I
159	-1.20	===== H
160	-1.12	===== Y
161	-0.70	===== N

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162	-1.15	===== I
163	-0.92	===== V
164	-0.17	== M
165	-0.03	P
166	-0.28	== Q
167	-0.27	== F
168	0.15	T =
169	0.27	E ===
170	-0.48	==== A
171	-0.70	==== V
172	-0.45	==== S
173	-0.50	==== P
174	-0.45	==== S
175	-0.58	==== V
176	-0.63	==== L
177	-0.33	== P
178	-0.63	==== P
179	-0.13	= S
180	-0.48	==== A
181	-0.70	==== L
182	-0.37	==== P
183	-0.33	== L
184	-0.12	= D
185	-0.92	===== L
186	-1.18	===== L
187	-0.97	===== N
188	-1.42	===== N
189	-2.02	===== A
190	-2.00	===== I
191	-2.00	===== t
192	-0.93	===== A
193	-0.35	== F
194	-0.23	== S
195	0.03	T
196	0.60	L =====
197	0.52	E =====
198	-0.28	== D
199	-0.28	== L
200	0.02	I
201	0.82	R =====
202	0.82	Y =====
203	1.03	L =====
204	1.37	E =====
205	0.57	P =====
206	1.07	E =====
207	0.27	R ==
208	0.27	W ==
209	0.93	Q =====
210	0.60	L =====
211	0.52	D =====
212	0.52	L =====
213	0.82	E =====
214	0.25	D ==
215	-0.42	== L
216	-0.08	= Y
217	0.00	R

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218	-0.80	===== P
219	-0.80	===== T
220	-0.23	== W
221	-0.15	= Q
222	-0.60	===== L
223	-0.55	===== L
224	-0.67	===== G
225	-0.67	===== K
226	-0.67	===== A
227	-0.08	= F
228	0.38	V =====
229	1.13	F =====
230	1.30	G =====
231	1.05	R =====
232	1.05	K =====
233	0.25	S ===
234	0.23	R ==
235	-0.57	===== V
236	-0.62	===== V
237	-0.43	==== D
238	-0.43	==== L
239	0.37	N =====
240	0.08	L =
241	0.88	L =====
242	0.88	T =====
243	0.57	E =====
244	0.12	E =
245	-0.55	===== V
246	-0.37	==== R
247	-0.87	===== L
248	-0.07	= Y
249	0.35	S ===
250	-0.12	= C
251	0.10	T =
252	-0.08	= P
253	-0.03	R
254	-0.83	===== N
255	-0.37	==== F
256	0.55	S =====
257	1.00	V =====
258	0.95	S =====
259	1.40	I =====
260	2.20	R =====
261	1.63	E =====
262	1.63	E =====
263	1.07	L =====
264	1.07	K =====
265	0.15	R =
266	-0.92	===== T
267	-0.85	===== D
268	-1.35	===== T
269	-1.45	===== I
270	-1.45	===== F
271	-1.33	===== W
272	-1.02	===== P
273	-0.52	===== G

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274	-0.02	C
275	-0.02	L
276	0.28	L ===
277	0.58	V =====
278	0.87	K ======
279	0.20	R ==
280	-0.38	==== C
281	-0.38	==== G
282	-0.55	===== G
283	-0.85	===== N
284	-0.97	===== C
285	-0.77	===== A
286	-0.85	===== C
287	-0.65	===== C
288	0.02	L
289	0.15	H ==
290	0.27	N ===
291	0.07	C =
292	-0.02	N
293	-0.05	E
294	-0.50	==== C
295	0.17	Q ==
296	-0.12	= C
297	-0.02	V
298	0.73	P =====
299	1.23	S ======
300	1.20	K ======
301	0.62	V =====
302	1.37	T ======
303	1.18	K ======
304	0.38	K ===
305	-0.08	= Y
306	-0.40	==== H
307	0.18	E ==
308	-0.32	== V
309	0.43	L ===
310	0.67	Q =====
311	0.63	L =====
312	0.68	R =====
313	0.68	P =====
314	0.68	K =====
315	-0.12	= T
316	-0.13	= G
317	0.37	V ===
318	0.67	R =====
319	-0.13	= G
320	-0.20	== L
321	0.60	H =====
322	0.43	K ===
323	-0.15	= S
324	-0.50	==== L
325	0.30	T ===
326	0.28	D ===
327	0.10	V =
328	0.85	A =====
329	1.43	L ======

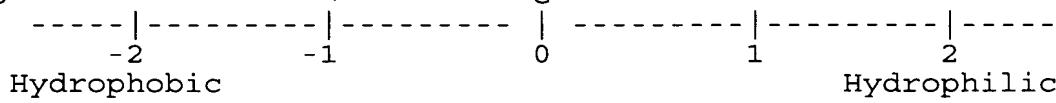
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330	1.57
331	1.57
332	1.48
333	0.92
334	0.25
335	0.36
336	0.64
337	0.30
338	0.51
339	0.87
340	1.15
341	0.00
342	0.00
343	0.00
344	0.00
345	0.00

E =====
H =====
h =====
E =====
E ====
C =====
D =====
C ====
V =====
C ======
R ======
G
S
T



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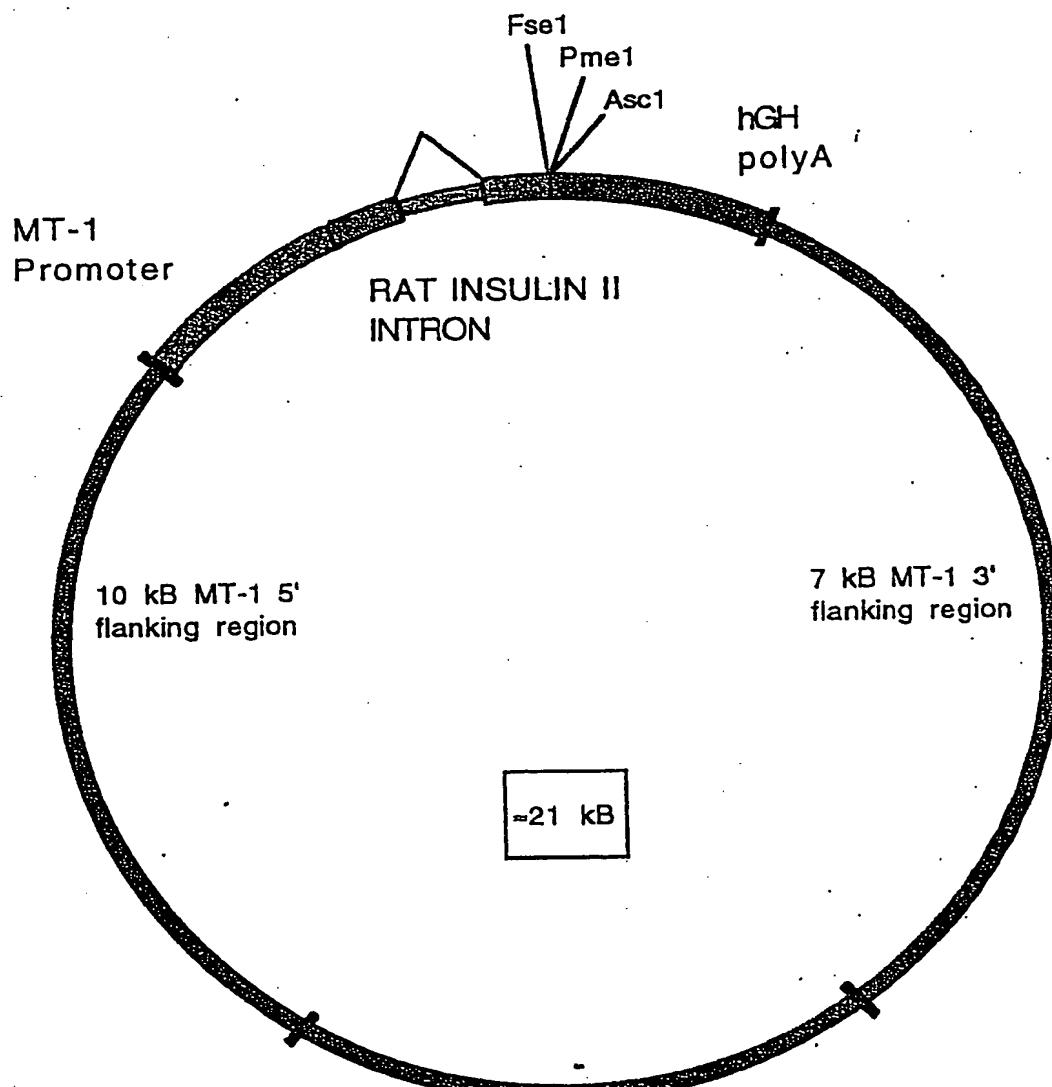


Fig. 2

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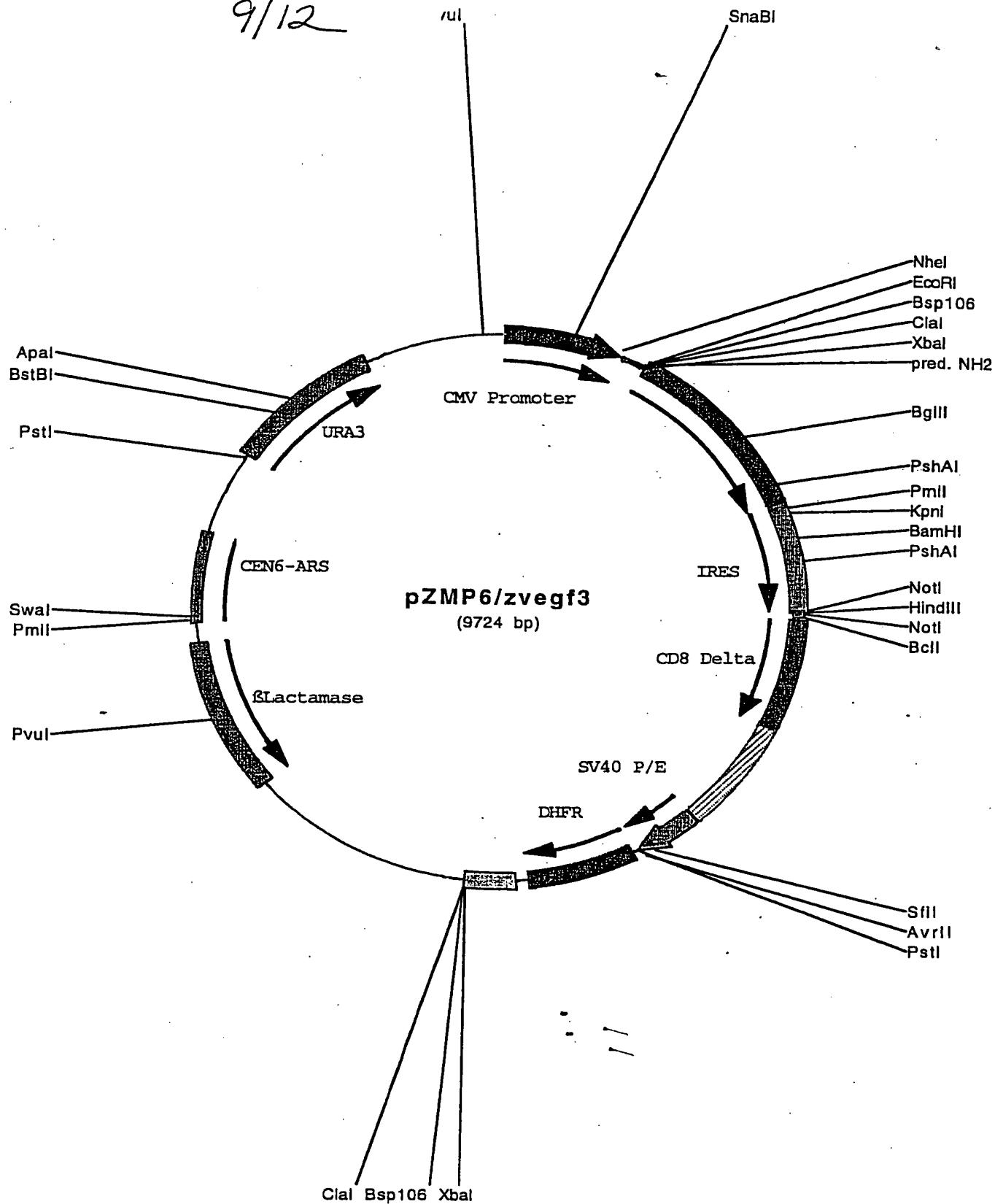


Fig. 3

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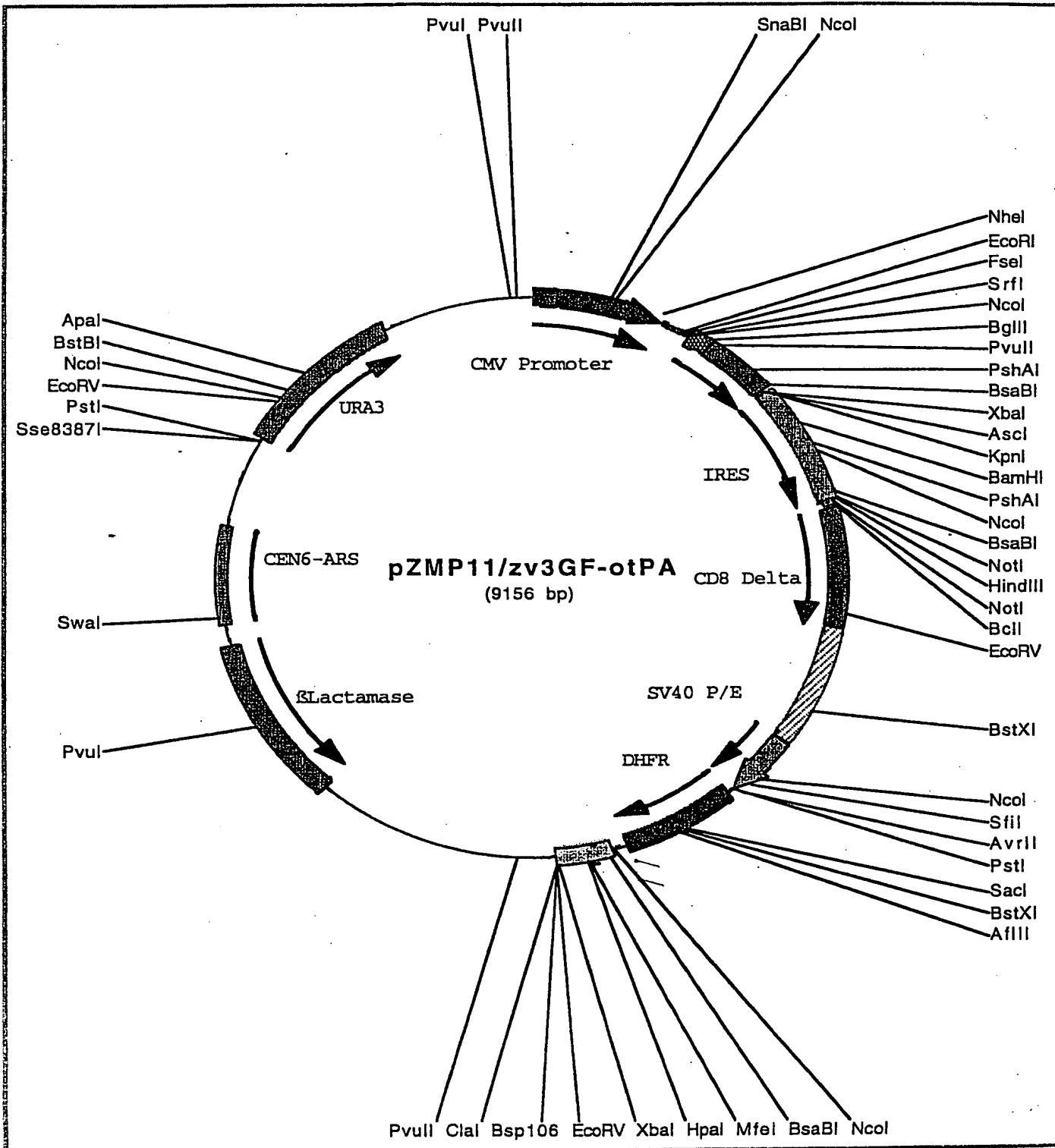


Fig. 4

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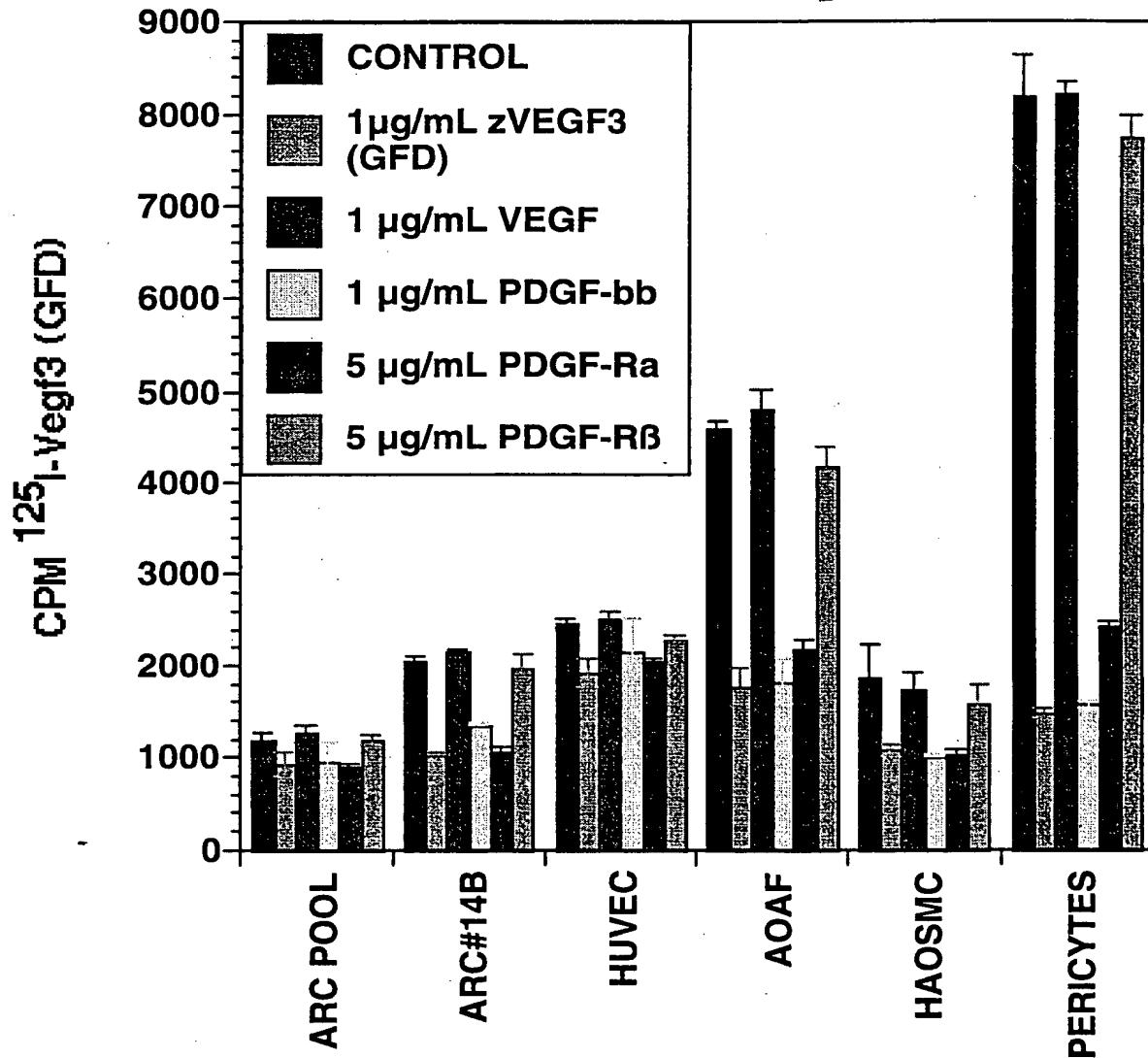


Fig. 5

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MSLFGLLLTSALAGQRQGTQAESNLSSKFQFSSNKEQNGVQDPQHERIITVSTNGSIHS

MLLLGGLLTSALAGQRTGTRAESNLSSKLQLSSDKEQNGVQDPRHERVVTISGNNSIHS

10 20 30 40 50 60

PRFPHTYPRNTVLVWRLVAVEENVWIQLTFDERFGLEDPEDDICKYDFVEVEEPSDGTL

PKFPHTYPRNMVLVWRLVAVDENVRQLTFDERFGLEDPEDDICKYDFVEVEEPSDGSVL

70 80 90 100 110 120

GRWCGSGTVPKGQISKGNQIRIRFVSDEYFPSEPGFCIHYNIVMPQFTEAVSPSVLPPSA

GRWCGSGTVPKGQTSKGNHIRIRFVSDEYFPSEPGFCIHYSIIMPQVTETTSPSVLPPSS

130 140 150 160 170 180

LPLDLLNNAITAFSTLEDLIRYLEPERWQLDLEDLYRPTWQLLGKAFVGRKSRRVVDLNL

LSLDLLNNAVTAFASTLEELIRYLEPDRWQVDLDSLKYKPTWQLLGKAFLYGKKSKVVNLNL

190 200 210 220 230 240

LTEEVRLYSCTPRNF SVSIREELKRTDTIFWPGCLLVKRCGGNCACCLHNCNECQCVP SK

LKEEVKLYSCTPRNF SVSIREELKRTDTIFWPGCLLVKRCGGNCACCLHNCNECQCVP RK

250 260 270 280 290 300

VTKKYHEVLQLRPKTGVRLHKS LTDVALEHHEECDCVCRGSTGG (SEQ ID NO:2)

VTKKYHEVLQLRPKTGVKGLHKS LTDVALEHHEECDCVCRGNAGG (SEQ ID NO:43)

310 320 330 340

Fig. 6